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Photosynthesis Research is an international journal dealing with both basic and applied aspects of photosynthesis. It covers all aspects of photosynthesis research, including light absorption and emission, excitation energy transfer, primary photochemistry, model systems, membrane components, protein complexes, electron transport, photophosphorylation, carbon assimilation, regulatory phenomena, molecular biology, environmental and ecological aspects, photorespiration, and bacterial and algal photosynthesis. The journal publishes research at all levels of plant organization: molecular, subcellular, cellular, whole plant, canopy, ecosystem and global. Manuscripts are always reviewed by recognized authorities in the field.

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